Carleton University
Convocations for the Conferring of Degrees 1972

Ottawa
Thursday, May 25
Friday, May 26
Saturday, May 27

Order of Proceedings

Thursday, May 25, 1972

Vice-Chancellor A.D. Dunton, C.C., LL.D., D.Sc.,
presiding

(The audience is requested to stand when the Academic Procession arrives, to remain standing until after the Invocation has been pronounced, and at the conclusion of the Convocation to remain until the Academic Procession has left.)

- Introductory Music
- Processional Music
  Processional Improvisation
- O Canada*
- Invocation
  Cyril G. Williams, B.A., B.D., M.A.
  Professor of Religion
- Address of the President and Vice-Chancellor A.D. Dunton, C.C., LL.D., D.Sc.
- Conferring of Degrees by Examination
  (*see page 2*)
- Awarding of the Medal
  By the President and Vice-Chancellor
- Conferring of the Degree of Doctor of Laws, *honoris causa*, upon
  Dr. Kurt Waldheim
  Secretary-General of the United Nations
- Convocation Address
  Dr. Kurt Waldheim
- God Save the Queen*
- Recessional Music

The President's Reception for the graduates and guests will be held following the ceremony.

*The audience is invited to sing.

Order of Proceedings

Friday, May 26, 1972

Vice-Chancellor A.D. Dunton, C.C., LL.D., D.Sc.,
presiding

(The audience is requested to stand when the Academic Procession arrives, to remain standing until after the Invocation has been pronounced, and at the conclusion of the Convocation to remain until the Academic Procession has left.)

- Introductory Music
- Processional Music
- O Canada*
- Invocation
  Antonio R. Gualtieri, B.A., B.D., S.T.M., Ph.D.,
  Associate Professor of Religion
- Address by the Pro Vice-Chancellor
  H.H.J. Nesbitt, B.A., M.A., Ph.D., D.Sc., F.L.S.,
  Dean of the Faculty of Science
- Conferring of Degrees by Examination *(page 9)*
- Awarding of the Medals
  By the President and Vice-Chancellor
- Conferring of the Degree of Doctor of Laws, *honoris causa*, upon
  The Hon. M.J. Coldwell, P.C., C.C.
  The Right Reverend Louis-Albert Vachon, D.Th., D.Ph., P.A., V.G.,
  Laval University
  Arnold Davidson Dunton, C.C., LL.D., D.Sc.
- Convocation Address
  A.D. Dunton
- God Save the Queen*
- Recessional Music

The President's Reception for the graduates and guests will be held following the ceremony.

*The audience is invited to sing.

Recipients of Degrees, Diplomas and Certificates

(Presented by Professor John Ruptash, Dean of the Faculty of Graduate Studies)

Satish Kumar Bhan, *B.Sc. (Punjab), M.Eng. (Carleton)*
Engineering (Mechanical)
"Exploratory Studies in a New Three-Dimensional Photothermoelastic Technique"
Supervisor: G.W. Bigg
Kashmir, India

John Leslie Davies, *B.Sc. (Mount Allison), M.Sc. (New Brunswick)*
Geology
"The Geology and Geochemistry of the Austin Brook Area, Gloucester County, New Brunswick, with Special Emphasis on the Austin Brook Iron Formation"
Supervisor: W.M. Tupper
Bathurst, N.B.

David Russell Gill, *B.Sc. (St. Patrick's College), M.Sc. (Carleton)*
Physics
"Isomeric Ratios in ^{69}Zn, ^{80}Br, ^{81}Se and ^{165}Dy"
Supervisor: R.L. Clarke
Ottawa

Galen L. Greer, *B.Sc., M.Sc. (New Brunswick)*
Biology
"Temperature-sensitive neurons in the brains of brook trout *(Salvelinus fontinalis)*"
Supervisor: D.R. Gardner
Plaster Rock, N.B.

Maurice Bernard Lambert, *B.Sc., M.Sc. (British Columbia)*
Geology
"The Bennett Lake Cauldron Subsidence Complex, British Columbia and Yukon Territory"
Supervisor: J.M. Moore
Ottawa

Mohamed A. Latheef, *B.Sc. (Annamalai), M.Sc. (Madras)*
Biology
"Population dynamics of the Colorado potato beetle, *Leptinotarsa decemlineata* (Say) on tomato in Eastern Ontario"
Supervisors: D.G. Harcourt and H.H.J. Nesbitt
Madras, India

Joseph N. Maksym, *B.A.Sc. (Toronto), M.Eng. (Carleton)*
Engineering (Electrical)
"Iterative Adaptation of Predictive Quantizers"
Supervisor: D.A. George
Fenwick, Ont.

Ramana V. Pappu, *B.Eng. (Rajasthan), M.Sc. (Eng.) (Poona), M.Sc. (Eng.) (Ottawa)*
Engineering (Electrical)
"Investigation of Plasma Anodic Oxides for Semiconductor Technology"
Supervisor: M.A. Copeland
Chittoor, India

James H. Patterson, *B.Sc., M.Sc. (Carleton)*
Biology
"The role of wetland heterogeneity in the regulation of duck populations in Eastern Ontario"
Supervisor: J.D.H. Lambert
Metcalfe, Ont.

James C. Randolph, *B.A., M.A. (Texas)*
Biology
"The ecological energetics of a homeothermic predator"
Supervisor: H.G. Merriam
Abilene, Texas

Edward Clayton Sawford, *B.Sc., M.Sc. (Queen's)*
Geology
"Sedimentary Facies of the Black River Group (Ordovician), Ottawa Valley, Canada"
Supervisor: R.W. Yole
Edmonton, Alta.

Master of Arts

(Presented by Professor John Ruptash, Dean of the Faculty of Graduate Studies)

Peter H. Dawes, *B.A. (Carleton)*
Canadian Studies
Ottawa

Ronald M. Graham, *B.A. (McGill)*
Canadian Studies
"The Majority Principle in Canadian Socialist Thought"
Ottawa

Helen Fuhrer, *B.A. (McGill)*
Comparative Literature
Ottawa

Cheryl Greenberg, *B.A., M.A. (Waterloo)*
Comparative Literature
Ottawa

Stanley G. Mullins, *B.A., M.A. (Toronto)*
Comparative Literature
Ottawa

Douglas M. Gale, *B.Sc. (Trent)*
Economics
Ottawa

Catherine A. Goodman, *B.A. (Carleton)*
Economics
Winnipeg, Man.

David W. Ironfield, *B.A. (Carleton)*
Economics
Ottawa

Richard M. Kerr, *B.Eng. (Carleton)*
Economics
Vancouver, B.C.

Robert E. Lahey, *B.A. (Carleton)*
Economics
Ottawa

J. Stephen O'Connor, *B.Com. (Carleton)*
Economics
Ottawa

Margaret R. Prentis, *B.Sc. (London School of Economics)*
Economics
"The Wage Adjustment Function: A Quarterly Analysis for Canada 1961-1970"
London, England

Nigel B. Weir, *B.Sc. (Carleton)*
Economics
London, England

Gwilym Vaughan Archer, *B.A. (Ottawa)*
English
North Bangor, N.Y.

Bernard Michael Ashton, *B.A. (Trent)*
English
Peterborough, Ont.

Michael Bankay, *B.A. (Carleton)*
English
Ottawa

Donald Morgan Campbell, *B.A. (Toronto)*
English
Ottawa

Jean Marie Chard, *B.A. (Dalhousie)*
English
"C.S. Lewis the Mythmaker"
Halifax, N.S.

Bryan Edward Doubt, *B.A. (Loyola)*
English
Montreal, Que.

Gaile Dwyer, *B.A. (Carleton)*
English
"The Search for Appropriate Form: Development of Theme in Faulkner's *The Sound and the Fury*, *As I Lay Dying*, and *Absalom! Absalom!*"
London, Ont.

Esther Beatrice Earle, *B.A. (Memorial)*
English
Ottawa

Marsha Marks, *B.A. (McGill)*
English
Montreal, Que.

Terence John McDougall, *B.A. (St. Patrick's College)*
English
"Principles of Increase in Shakespeare's Sonnets"
Ottawa

Lucian Nicholas Philip Milburn, *B.A. (York, England)*
English
Lucerne, Que.

Joshua Chaim Rotblatt, *B.A. (Sir George Williams)*
English
Montreal, Que.

Elizabeth Jane Street, *B.A. (Mount St. Vincent)*
English
Halifax, N.S.

George Peter Conn, *M.A. (Glasgow)*
French
Ottawa

Gaëtan Fleuriau-Chateau, *B.A. (Leicester)*
French
Ottawa

Andre Montreuil, *B.A. (Carleton)*
French
Ottawa

Annie Royer, *B.A. (Ottawa)*
French
Ottawa

Pierre Royer, *B.A. (Ottawa)*
French
Ottawa

Brian Bruce Williams, *B.A. (London)*
French
Ottawa

Wayne F. Ellwood, *B.A. (Carleton)*
Geography
"A Comparison of Locations for the Dispersal of Projected Population Growth: Toronto Centered Region"
Ottawa

Perry D.D. Ferns, *B.A. (Carleton)*
Geography
"Geography's Role in the Planning and Methodology of Local Development in Tropical Africa - as applied to the Wanyika Tribal Region of Kenya's Kilifi District, Coast Province"
Ottawa

Terrence L. Gibson, *B.A. (Carleton)*
Geography
"An Empirical Approach to the Functioning of a Boundary"
Ottawa

Virginia M. Lindsay, *B.A. (McGill)*
Geography
"The Perth Military Settlement: Characteristics of Its Permanent and Transitory Settlers, 1816-1822"
Ottawa

David S. Gordon-MacLeod, *B.A. (Oxon)*
Geography
"Foreign Aid and Kenyan development during the 1960's, with a geographical emphasis and particular reference to Canadian Aid"
Somerset, England

Oleg Mokievsky-Zubok, *B.A. (Carleton)*
Geography
"Sentinel Glacier, B.C.: Mass Balance and Its Measurement, 1966-1971"
Ottawa

Rudolf E. Aksim, *B.A. (Carleton)*
History
"Reluctant Patriots: The Swiss Revolution of 1798 to 1803"
Carp, Ont.

Margaret Armstrong, *B.A. (McGill)*
History
Ottawa

James J. Atherton, *B.A. (British Columbia)*
History
"The Department of Labour and Industrial Relations 1900-1911"
Wakefield, Que.

John Clark Coleman, *B.A. (Toronto)*
History
Ottawa

Marianne Goldring, *B.A. (Loyola)*
History
Ottawa

Paul Holder, *B.A. (Alberta)*
History
Edmonton, Alta.

Frederick McEvoy, *B.A. (St. Patrick's College)*
History
Ottawa

Mary McGeer, *B.A. (McGill)*
History
Ottawa

Neil Semple, *B.A. (Toronto)*
History
Toronto, Ont.

Balwant K. Bhaneja, *B.J. (Carleton)*
International Affairs
New Delhi, India

George Oladipo Fakunle, *B.A. (Brandon)*
International Affairs
Igede, Nigeria

Alexander Donald McKay, *B.A. (British Columbia)*
International Affairs
"The Canadian Military Training and Advisory Assistance Programme to Tanzania, 1965-1970"
Ottawa

Jacob E. Obinyan, *B.A. (Nigeria)*
International Affairs
"The Demise of the CPP Regime in Ghana: The Rise and Fall of an African Nationalist Party"
Ubiaja, Nigeria

Gordon Watford Steele, *B.A. (Laurentian)*
International Affairs
Willowdale, Ont.

Peter Wilenski, *MBBS (Sydney)*, *B.A. (Oxford)*
International Affairs
"Medical Care Delivery Systems in Developing Countries"
Canberra, Australia

Victoria Gay Becker, *B.A. (Simon Fraser)*
Philosophy
"Internationality Without Ontology"
Ottawa

Roger W. Button, *B.A. (Carleton)*
Political Science
Ottawa

Timothy S. Ferguson, *B.A. (Bishop's)*
Political Science
Montreal, Que.

J. Gerard Lenoski, *B.A. (British Columbia)*
Political Science
"Interest Groups and the Canadian Legislative Process: A Case Study of the Canada Water Act (1970)"
Colchester, England

Stephen Emmanuel Nancoo, *B.A. (Laurentian)*
Political Science
Sudbury, Ont.

John Njuguna Ng'ethe, *B.A. (Mackinac)*
Political Science
Ottawa

Glenda Marie Patrick, *B.A. (Carleton)*
Political Science
Toronto, Ont.

Imrich Rosenberg, *Doctor of Jurisprudence (Komensky)*
Political Science
"The Jewish Anti-Fascist Committee within the Context of Soviet Government Policies Affecting the Jewish Nationality"
Ottawa

Virginia P. Carver, *B.A. (Carleton)*
Psychology
"The Effect of Message Redundancy and Vocabulary on Infants' Perception of English and French Language Samples"
Berkhamsted, England

Philip Firestone, *B.A. (Carleton)*
Psychology
"Task Difficulty, Intellectual Development and Type of Reinforcement: A Study with Middle-Class Children"
Ottawa

Pierre A. St.-Jean, *B.A. (Carleton)*
Psychology
"Free Operant Extinction as a Function of the Number of Acquisition Trials"
Hull, Que.

Michael E. Shannon, *B.Sc. (Carleton)*
Psychology
"The Macro - and Microscopic Distribution of Δ^9 Tetrahydrocannabinol in the Central Nervous System of Rats"
London, Ont.

Bruce Simpson, *B.A. (Carleton)*
Psychology
"The Spacing Effect in Free Recall: Differential Encoding?"
Halifax, N.S.

Heili Strawbridge, *B.A. (Toronto)*
Psychology
"The Effects of Punishment Treatments in Two Tasks with Children"
Toronto, Ont.

Paul S. Sussman, *B.A. (San Jose State College)*
Psychology
"Effects of Darvon on Fairly Discrete Behavioural Measures in Electric Shock and Pressurized Air Motivated Shuttle Avoidance Tasks"
Berkeley, California

Martha-Ann Todd, *B.A. (Queen's)*
Psychology
"Perceptual Differences Between Adult and Adolescent Groups in a Binocular Rivalry Situation"
Renfrew, Ont.

Ruth V. Tremaine, *B.A. (Carleton)*
Psychology
"Development of Complementation in Children's Written Language"
Ottawa

Philip D. Wann, *B.A. (Missouri)*
Psychology
"Amnestic and Dissociative Effects of Kindled Convulsions in Rats"
Columbia, Missouri

Stephen J. Wormith, *B.A. (Brown)*
Psychology
"Tone Frequency Discrimination in Infants"
Sarnia, Ont.

Dale M. Andreas, *B.A. (Brock)*
Public Administration
St. Catharines, Ont.

Gregory A. Armstrong, *B.A. (Carleton)*
Public Administration
Ottawa

James S. Arnot, *B.A. (McMaster)*
Public Administration
Ottawa

Joseph James Bray, *B.A. (McGill), D.P.A. (Carleton)*
Public Administration
Ottawa

Douglas Cole, *B.A. (Trent), D.P.A. (Carleton)*
Public Administration
Barrie, Ont.

Michel C. D'Avignon, *B.A. (Ottawa), D.P.A. (Carleton)*
Public Administration
"The Royal Commission on Government Organization: A Study in Bureaucracy"
Ottawa

Christopher E.F. Davis, *B.A. (McGill)*
Public Administration
Sharon, Connecticut

David R. Dunlop, *B.A., D.P.A. (Carleton)*
Public Administration
Ottawa

Robert R. Foulkes, *B.Sc. (Alberta), D.P.A. (Carleton)*
Public Administration
"The Regulatory Function of Government: The National Energy Board"
Taber, Alta.

Donald P. Gracey, *B.A. (Western Ontario)*
Public Administration
Woodstock, Ont.

George L. Hopkins, *B.Eng. (McGill), D.P.A. (Carleton)*
Public Administration
"Organizational Influences in the Canadian Forces Headquarters Since Unification"
Ottawa

Donald M. Jarvis, *B.A. (Carleton)*
Public Administration
Ottawa

Glenda R. Lewe, *B.A. (McMaster), D.P.A. (Carleton)*
Public Administration
"Community Development - The Use of the Community Self Study in Gloucester North"
Ottawa

Joseph William Long, *B.Comm., B.A. (Sir George Williams)*
Public Administration
Ottawa

Hugh Lovekin, *B.A. (Carleton)*
Public Administration
Ottawa

Stephen P. Markey, *B.A. (Ottawa), D.P.A. (Carleton)*
Public Administration
Ottawa

John William Mason, *B.A.Sc. (Toronto), D.P.A. (Carleton)*
Public Administration
"Basic Freedoms in the Canadian Armed Forces"
Ottawa

Alan D. McKenzie, *B.A. (Liverpool)*
Public Administration
Ottawa

Ross McMahon, *B.A. (McGill)*
Public Administration
Ottawa

James E. McNally, *B.A. (Prince Edward Island)*
Public Administration
Charlottetown, P.E.I.

William J.H. Musgrove, *B.A. (Toronto)*
Public Administration
Ottawa

Tarsem S. Purewal, *M.Sc. (Missouri)*
Public Administration
Ottawa

Elihu R. Rhymer, *B.A., B.Ed. (Mount Allison)*
Public Administration
British Virgin Islands

Edward J. Rogers, *B.Comm. (St. Mary's), D.B.A. (Toronto)*
Public Administration
Ottawa

Kathleen E. Shaw, *B.A. (Toronto)*
Public Administration
Toronto, Ont.

Alan Roger Taylor, *B.A. (Waterloo Lutheran)*
Public Administration
Ottawa

Norman Alexander Todd, *B.Sc. (Ottawa), D.P.A. (Carleton)*
Public Administration
Ottawa

Allan J.A. Tupper, *B.A., D.P.A. (Carleton)*
Public Administration
Ottawa

Paul Redekop, *B.A. (Winnipeg)*
Sociology
"Content Analysis of Popular Music Lyrics 1959-1969"
Winnipeg, Man.

Allan Lawrence Titus, *B.A. (Queen's)*
Sociology
"The Construction of Period and Cohort Legitimate Fertility Rates"
Willowdale, Ont.

Gideon Vigderhous, *B.A. (Hebrew University), M.C.A. (Ottawa)*
Sociology
"The Montreal Jazz Community, A Study of Class, Status and Job Satisfaction"
Ottawa

Master of Science

(Presented by Professor John Ruptash, Dean of the Faculty of Graduate Studies)

James Robillard, *B.Sc. (Guelph)*
Biology
"A taxonomic study of Canadian mites of the genus *Digamasellus* in the Spinosus and Armatus groups of Hirschmann (1960). (Acarina: Mesostigmata: Digamasellidae)"
Arnprior, Ont.

Robert J. Watson, *B.Sc. (Carleton)*
Biology
"Expression of the *rel* Gene during R17 phage infection"
Ottawa

Constance J. Kane-Maguire, *B.A. (Beaver College)*
Chemistry
"The Electronic Raman Scattering Tensor for Ytterbium Gallium Garnet"
Glen Ridge, New Jersey

Hsien Chia Luk, *Diploma in Science (Hong Kong Baptist College)*
Chemistry
"Infrared Spectroscopic and Catalytic Studies of Partially Fluoridated Calcium Deficient Hydroxyapatite"
Shanghai, China

Rein Otson, *B.Sc. (Sir George Williams)*
Chemistry
"Lysozyme Catalysis of Isologous Aryl Chitobiosides"
Montreal, Que.

Ronald R. Scharfe, *B.Sc. (Carleton)*
Chemistry
"A Study of Stability Constants and Kinetics of Exchange and Formation of Some Metal Chelates of Substituted Dithiocarbamic Acids"
Ottawa

Earl Brian Grant, *B.Sc. (New Brunswick)*
Geology
"The Structure and Development of Part of the Kingston Uplift, Kings County, New Brunswick"
Fredericton, N.B.

Clive Cooper, *B.Sc. (Sheffield)*
Mathematics
Birmingham, England

John E. Glynn, *B.Sc. (Carleton)*
Mathematics
Hull, Que.

Jong Ja Hahn, *B.Sc., M.Sc. (Ewha)*
Mathematics
Seoul, Korea

Daniel Krewski, *B.Sc. (Carleton)*
Mathematics
Ottawa

Kenneth R. Lye, *B.Sc. (Laurentian)*
Mathematics
Sudbury, Ont.

Marelle G. Rawson, *B.Sc. (Newcastle, Australia)*
Mathematics
Newcastle, Australia

James Harris Shore, *B.Sc. (Carleton)*
Physics
"Grouping and Truncation Correction in the Moment Analysis of Statistical Data"
Ottawa

Master of Engineering

(Presented by Professor John Ruptash, Dean of the Faculty of Graduate Studies)

Robert B. Adamson, *B.Eng. (Carleton)*
Engineering (Civil)
"Joint Failures in Concrete Pavements of Ontario"
Ottawa

Saleem Azeez, *B.E. (B.M.S. College of Engineering, Bangalore), M.E. (Indian Institute of Science, Bangalore)*
Engineering (Mechanical)
"Pressure Distribution on a Circular Cylinder in Cross Flow with Blowing"
Mysore, India

Tarek Saleh Abdel Aziz, *B.Sc., M.Sc. (Cairo)*
Engineering (Civil)
"Inelastic Nonlinear Behaviour of Steel Triangulated Planar Frames"
Cairo, Egypt

Alan Brown, *B.Sc. (Queen Mary College, London)*
Egineering (Electrical)
"An Investigation into Phase Tracking Schemes for Phase Shift Keying in Rayleigh Fading Channels"
London, England

Chesley B. Cornick, *B.Eng. (McGill)*
Engineering (Electrical)
"An Analog Computer Operational Control Program for the PDP-8/EAI 580"
Grand Falls, Nfld.

Yassin Abdel R. El-Khachab, *B. Eng. (Cairo)*
Engineering (Civil)
"Application of the Splitting Test to Determine the Stripping of Asphalt Mixes"
Cairo, Egypt

Michel J. Eric, *B.Eng. (McGill)*
Engineering (Electrical)
"Intermodulation Analysis of Non-linear Devices for Multiple-Carrier Inputs"
Paris, France

Ellidus Anno Allan Haan, *B.A.Sc. (British Columbia)*
Engineering (Electrical)
"A Study of Metal Oxide Semiconductor Capacitors when Subjected to Illumination"
Ottawa

Beverley Carman Harrison, *B.A.Sc. (Mech. Eng.) (Waterloo)*
Engineering (Mechanical)
"An Evaluation of Holographic Photoelasticity"
Toronto, Ont.

Peter Thomas Hodgins, *B.Sc. (Civil Eng.) (Queen's)*
Engineering (Civil)
Baie d'Urfe, Que.

W. Louk E.M. Jurgens, *Dip. (Institute of Technology, Eindhoven)*
Engineering (Electrical)
"Investigation in Diffusionless Charge-Coupled Devices"
Tilburg, Holland

Nickolas Kantartzis, *B.Eng. (Carleton)*
Engineering (Civil)
"Serviceability and Strength Studies in Reinforced Concrete Intermediate Beams"
Athens, Greece

Patrick Emmet Kierans, *B.Sc. (Loyola)*
Engineering (Electrical)
"Stability Analysis of Audio Loops"
Montreal, Que.

Robert Ian MacDonald, *B.Sc. (Queen's)*
Engineering (Electrical)
"An Analytical Study of Image Noise in Complex Holograms"
Marlborough, England

Bernard Duncan MacIsaac, *B.Eng. (Nova Scotia Technical College)*
Engineering (Mechanical)
"Prediction of Gas Turbine Performance by Hybrid Computer Simulation"
Antigonish, N.S.

James Yoak Shan Mar, *B.Eng. (Carleton)*
Engineering (Mechanical)
"Lorentz Force Effects on Detonation Wave Velocities"
China

George William Lewis McAdam, *B.Eng. (Carleton)*
Engineering (Mechanical)
"An Investigation of Linear Single Axis Control of Torsionally Deformable Satellites Typified by the Communications Technology Satellite"
Ottawa

John W.A. McDonald, *B.Eng. (Carleton)*
Engineering (Electrical)
"Writing Tablets for Man-Man Telecommunications"
Milton, Ont.

Gavin Andrew McLintock, *B.Sc. (Carleton)*
Engineering (Electrical)
"Modelling of Diffused Channel MOS Transistors"
Montreal, Que.

Neil Colin Mickleborough, *Dip.Eng. (Hobart Technical College)*
Engineering (Civil)
"Creep of Concrete Under Variable Loading"
Hobart, Australia

Charles Donald Nixon, *B.Eng. (Carleton)*
Engineering (Civil)
"Finite Element Analysis of Reinforced Concrete Members"
Ottawa

Tsepo O. Nteso, *B.Sc. (Elect.Eng.) (Alberta)*
Engineering (Electrical)
"An Optimal Phase Demodulator on a Randomly Time-Varying Channel"
Lesotho

Robert Alastair Henry Robertson, *B.Sc. (University of London)*
Engineering (Electrical)
"Parameter Estimation of Continuous System"
Nairobi, Kenya

Kalyan Kumar Sarkar, *B.Eng. (Burdwan), M.Eng. (Roorkee)*
Engineering (Civil)
"Model Study of Rigid Frame Steel Structures Subjected to Transverse Base Acceleration"
Patna, India

M. Khader Hussain Sayeed, *B.E. (University of Madras)*
Engineering (Electrical)
"Behaviour of Bipolar Expitaxial Transistors at High Current Levels"
Madras, India

Tom Anthony Skinner, *B.Sc. (Aberdeen)*
Engineering (Electrical)
"Feedback Allocation of Signal Power in Multi-Channel Communication Systems"
Aberdeen, Scotland

Kia Ooi Tan, *B.Eng. (Carleton)*
Engineering (Electrical)
"Studies of CO_2 TEA Lasers Driven by Marx-Generators"
Singapore

Ian Thomson, *B.Sc. (Aberdeen)*
Engineering (Electrical)
"C.W. Trapped Plasma Silicon Diodes"
Aberdeen, Scotland

Alex Turnbull, *B.Eng. (Carleton)*
Engineering (Civil)
"Highway Aesthetics: Design and Evaluation of the View from the Road"
Nottingham, U.K.

(Presented by Professor John Ruptash, Dean of the Faculty of Graduate Studies)

Diane F. Aubry, *B.A. (Ottawa)*
Lorrainville, Que.

Ann C. Bala, *B.A. (Queen's)*
Montreal, Que.

Marguerite R. Belanger, *B.A. (Ottawa)*
Ottawa

Janis G. Blaber, *B.A. (Calgary)*
Cloyne, Ont.

Arthur T. Boers, *B.A. (Michigan)*
Kingston, Ont.

Anne M. Bolduc, *B.A. (York)*
Toronto, Ont.

Anna Burko, *B.A. (Alberta), M.A. (Bryn Mawr)*
Edmonton, Alta.

JoAnne E. Butler, *B.A. (Windsor)*
Trail, B.C.

John B. Charnell, *B.A. (Toronto)*
Weyburn, Sask.

Sharon-Marie Crawford, *B.A. (Carleton)*
Kingston, Ont.

Andrew Dellio, *B.A. (Toronto)*
Toronto, Ont.

Mary Rose A. Denys, *B.A. (Western)*
Fletcher, Ont.

Susan J. Depuydt, *B.A. (Western)*
London, Ont.

Sylviana G. deVries, *B.A. (Carleton)*
Ottawa

Ronald E. Ensom, *B.A. (Carleton)*
Ottawa

Jeanne M. Farwell, *B.A. (Saskatchewan)*
Rosthern, Sask.

Guy A. Fleuette, *B.A. (Catholic University of America)*
Bellingham, Massachusetts

Mary E. Gale, *B.A. (McMaster)*
Toronto, Ont.

Ida Gnieslaw, *B.Sc. (Boston)*
Ottawa

Kenneth A. Goldberg, *B.A. (Texas)*
Louisville, Kentucky

Heather M. Goulden, *B.Sc. (London)*
Ottawa

Lucie M. Grenier, *B.A. (Ottawa)*
Ottawa

Roy F. Griffin, *B.A. (St. Dunstan's)*
Charlottetown, P.E.I.

Raymond J. Guindon, *B.A. (Laurentian)*
Hearst, Ont.

Paul A. Haalboom, *B.A. (McMaster)*
Ottawa

Allan J. Irving, *B.A. (York)*
Toronto, Ont.

Teresa E. Kinnear, *B.A. (Dalhousie)*
Truro, N.S.

Mary Lee E. Lennon, *B.A. (York)*
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Windsor, N.S.

Helen W. Stoesz, *B.A. (McMaster)*
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Dragi Zekavica
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*Degree awarded posthumously

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